

WHAT IS CLAIMED IS:

1. A data communication system, comprising:
a target having an image pickup unit;
a controller for remote-operating said image
5 pickup unit;

a data line for connecting said target and said
controller, said data line supporting a first
communication mode and a second communication mode; and

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10 a control command for setting a predetermined area
in an image outputted by said image pickup unit,

wherein said target transmits said image by using
said first communication mode, and said controller
transmits said control command by using second
communication mode.

15 2. A data communication system according to claim
1,

wherein said control command sets in said image
any one of an area of a rectangular shape, an area of a
20 circular shape, an area of a polygonal shape, and an
area of one pixel unit.

3. A data communication system according to claim
1, further comprising:

25 a second control command for controlling at least
one of focus, exposure, white balance, and digital zoom
of said image pickup unit based on the area set in said

4. A data communication system according to claim 1, further comprising:

5. A data communication system according to claim 1,

6. A data communication system according to claim 1,

20 7. A data communication system according to claim
1,

25 8. A data communication system according to claim
1,

wherein said first communication mode is an

9. ~~A data communication system according to claim~~
1,

10. A data communication system according to claim 1,
wherein said data line conforms to IEEE 1394-1995 standards.

transmitting, by a controller, a control command for setting a predetermined area in said image to said target using a second communication mode supported by said data line, said controller remote-operating said image pickup unit.

12. An electronic apparatus, comprising:
an image pickup unit for outputting an image; and
communication means for communicating with a

wherein said communication means transmits said image by using said first communication mode, and receives a control command from said controller by using second communication mode, and said image pickup unit sets a predetermined area in said image based on said control command.

transmitting an image from an image pickup unit by using a first communication mode supported by a data line; and

14. An electronic apparatus, comprising:
means for remote-operating an image pickup unit of
a target connected to a data line, said data line
supporting a first communication mode and a second
communication mode; and

communication means for transmitting a control command for setting a predetermined area in an image outputted by said image pickup unit, said image being transmitted using said first communication mode,

5 wherein said communication means transmits said control command by using said second communication mode.

10 15. A data communication system, comprising:
a target having a display unit;
a controller for remote-operating said display unit;

15 a data line for connecting said target and said controller, the data line supporting a first communication mode and a second communication mode; and

a control command for regulating an image displayed by said display unit,

20 wherein said target receives said image by using said first communication mode, and said controller transmits said control command by using said second communication mode.

16. A data communication control method, comprising the steps of:

25 receiving, by a target, an image displayed by a display unit using a first communication mode supported by a data line; and

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wherein said communication means receives said image by using said first communication mode, and receives a control command from said controller by using said second communication mode, and wherein said display unit regulates said image based on said control command.

18. A data communication control method,
comprising the steps of:
receiving an image displayed by a display unit
using a first communication mode supported by a data
line; and
receiving a control command for regulating said
image using a second communication mode supported by
said data line, transmitting said control command by a

19. An electronic apparatus, comprising:
means for remote-operating a display unit of a
target connected to a data line, said data line
supporting a first communication mode and a second
communication mode; and

wherein said communication means transmits said control command by using said second communication mode.

a data line for connecting said target and said controller, the data line supporting a first communication mode and a second communication mode; and

a control command for regulating an image outputted by said image pickup unit,

wherein said target transmits said image by using said first communication mode, and said controller transmits said control command by using said second

~~21 A data communication control method,~~
~~comprising the steps of:~~

transmitting, by a controller, a control command for regulating said image using a second communication mode supported by said data line, said controller remote-operating said image pickup unit.

22. An electronic apparatus, comprising:
an image pickup unit for outputting an image; and
communication means for communicating with a
controller connected to a data line, said controller
remote-operating said image pickup unit, said data line
supporting a first communication mode and a second
communication mode.

20 wherein said communication means transmits said
image by using said first communication mode, and
receives a control command from said controller by
using said second communication mode, and said image
pickup unit regulates said image based on said control
25 command.

23. A data communication control method,

comprising the steps of:

transmitting an image outputted by an image pickup unit using a first communication mode supported by a data line; and

5 receiving a control command for regulating said image using a second communication mode supported by said data line, transmitting said control command by a controller to remote-operate said image pickup unit.

10 24. An electronic apparatus, comprising:

means for remote-operating an image pickup unit of a target connected to a data line, said data line supporting a first communication mode and a second communication mode; and

15 communication means for transmitting a control command for regulating an image outputted by said image pickup unit, said image being transmitted using said first communication mode,

20 wherein said communication means transmits said control command by using the second communication mode.

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